



1. Project Name: Rota SBH
2. Date of Inspection: July 23, 2007
3. Inspection Personnel:

<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
Dan Meyers	COE	438-8875
Justin Pummell	COE	438-7038

4. Discussion:

The Revetted mole is approximately 535 LF. There has been major failure as a result of the typhoon which primarily impacted the revetted mole on the eastside (Harborside) of the structure caused by wave overtopping from the northwest. This damage is from approximately from Sta. 0+09 to Sta. 2+22, Harborside (HS). Damages noted on the oceanside of the project as well. Repairs are required to ensure the continuing functionality of the structure. Additional erosion of the revetted mole was noted this year. Access has been blocked to Anjota Island due safety concerns.

Prestorm Revetted Mole - 535 LF:



FY04 Photo



Storm Damage to Revetted Mole Harborside :



a. Sta. 0+00, HS, Overview of damages.



b. Boat Ramp Area adjacent to Sta. 0+50, armor stones have washed into the launch area and impacts boaters.



c. Sta. 0+10, HS, Overview



d. Sta. 0+50, HS, Beginning of major damages to the sideslope.



e. Sta. 1+00, OS, Numerous flipped armor stone covered by vegetation.



f. Sta. 1+86, HS, 36" culverts are exposed and additional erosion this inspection.



g. Sta. 1+86, same as above.



h. Sta. 1+90, OS, flipped armor stone.



i. Sta. 2+22, HS, End of major failure.



j. Sta. 2+33, HS, missing toe armor stone.



k. Sta. 2+52 to Sta. 2+59, HS, missing armor stones at the hinge of the sideslope.



l. Sta. 2+76 HS, Splash apron damages and culverts undermined, drainage culvert cracked.



m. Sta. 2+77, OS, 10' x 10' depressed area w/flipped armor stones.



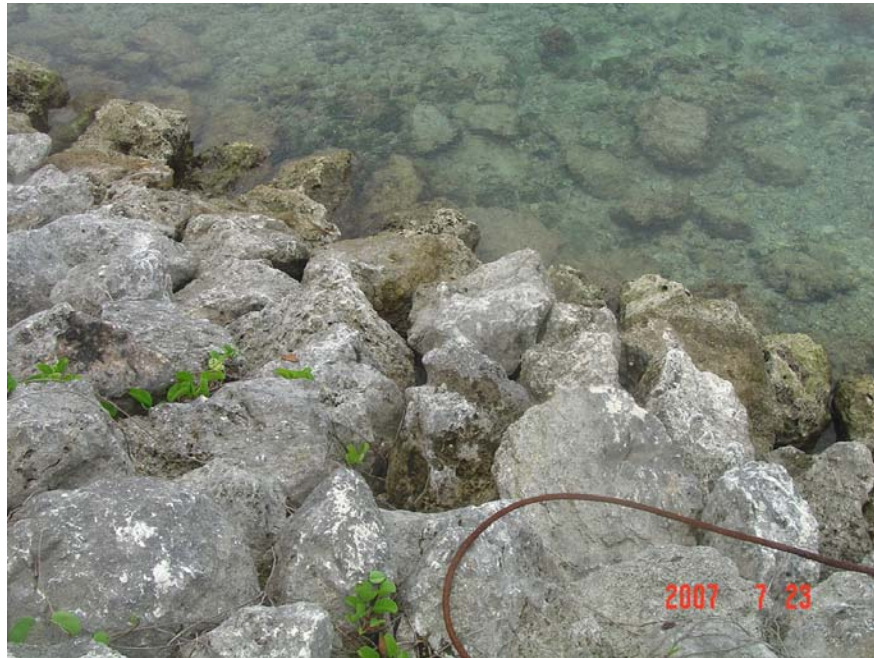
n. Sta. 3+12, HS, missing toe armor stone.



o. Sta. 3+50, HS, 2 ea. missing toe armor stones, remove wire rope.



p. Sta. 3+50, OS, unable to inspect crest due to vegetation however numerous flipped armor stones need to be reset.



q. Sta. 3+55, missing armor stone approximately 4 ft up the sideslope from the toe.



r. Sta. 3+59 to Sta. 3+84, HS, approximately 20 ea. missing armor stone to the hinge if the sideslope.



s. Sta. 5+00, OS, flipped armor stones, overgrown w/vegetation.

5. Notes: Vertical Datum Benchmarks:



Brass Survey Disk installed at Dock # 1. Survey information provided to National Geodetic Service and will be added to NGS's database. NGS TAM1 was noted disturbed, reported to NGS and should not be used.



6. Findings/Conclusions:

Access to Anjota Island has been blocked due to increased erosion of the revetted mole.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
James Pennaz P.E., CH, CEPOH-EC-T

Project Index Map

